SBR NO - 48/15-16

Original/Duplicate/Triplicate

Vide. 17 1st and part bill **CONTRACT CERTIFICATE** Reference forms 58 & 70

Division Yelahanka Sub division Yelahanka New Town Date

Bills received No YNK-DBC No. 90 Date 31.07.15 Sub-divisional Cash book vr No

Divisional Date

Scheduled Docket No Head of account

Name of work(as per sanctioned estimate) :- NAME OF WORK :Improvements to drains and aspnalting to 9th cross and 8th cross in A sector in ward no:04

Work code:004-15-000044

Name of contractor and full address :- Technical Manager (west)

Reference to agreement No :- 101 Estimated cost :49.99 lakhs W.O.No:101 dt:20/03/2015

Certified that the measurments were taken by me on 31/07/2015 and recorded on pages 16 to 30 of measurement book No 2130. and the work is satisfactorily executed by the contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Certified that the measurements were taken by me on 31/7/15 and recorded correct.The work is satisfactorily executed. Certified KRIDL BBMP, Bangalore shown in column 5 of account II have been actually brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are appropriated by the contractor for immediate use on the work in connection with items for which rates finished work have been applied upon A bond agreement signed and executed by the contractor is recorded in divisional office.

II MEMORANDUM OF PAYMENT

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಕೆ.ಆರ್.ಐ.ಡಿ.ಎಲ್. ಬೆಂಗಳೂರು-106

1) Total value of work done or supplies as per A/c within — 32,74,462.00
2) Deduct amount to be hold in reserve being----percent Rs----------%--------
3) Balance — Bill Amount 31,93,087.00
IT 65499 63,849.00
1,29,980.00
KST 27,686.00
L.C. 32745 31,910.00
CBF 3245 3,145.00
FSD 213849 41,525.00
LR 49,881.00
Fine 1,000.00
Total deduction 4,63,051.00
4,90,211.00
Cheque - 27,89,036.00
27,84,251.00
Bill Amount 31,93,087.00
32,74,462.00

4) Deduct payments
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S D No----------Amount
b) Cost of payments/stores or other materials supplied now made recovery of
Amount paid on this bill by cheque/cash
Total

5). Balance being unpaid value of work done held in reserve
6) Deduct cash of advance made on divisional/sub divisional cash book
7) Net amount due to or from contractor

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)
9) Value of government materials supplied

TOTAL AMOUNT UN-ADJUSTED

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2) Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Reciept Stamp

Signature of contractor

Passed & Admitted For Rs. 31,93,087/-
32,74,462.00
By Cr Rs 27,89,036/- (in Words)
27,84,251.00
And by Adjustm
For Rs. 4,63,051/-
4,90,211.00

Cash Rs

Date Initials of officer making payment Date

Account Supdent

Exe Engineer
B.B.M.P. Bangalore

S. N.	Items grouped under Sub-heads and sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Removing and resetting of footpath slab (P.No 255, DNo 37.56)	Sqm			906.00 920.30	114.48	103718.88 105355.94	906.00 920.30	103718.88 105355.94
2	CSRRB 300-1.Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift up to 1.5m.excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no 1, Page no 138, PWD SR 2014-15)	Cum			463.60 521.02	75.60	35048.16 39396.67	463.60 521.02	35048.16 39396.67
3	CSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, specification, specification No CBS 2 1(b) / 2.3.5, No Item No 2.4/ PWD SR 2014-15	Cum			345.83 299.12	264.60	91506.62 79,147.00	345.83 299.12	91506.62 79,147.00

	KSRB 2.6 : Providing sand filling in foundation upto plinth to required depth for sub soil treatment including watering ramming with lead upto 50m. and lift upto 1.5 m. complete as per specifications, specification. No. KBS (P.No 6, I.No 2.13)	Cum			103.00 102.97	1966.68	202568.04 202509.03	103.00 102.97	202568.04 202509.03
5	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exceeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS 4.1,4.2 (Item no: 4.3,Page no12, PWD SR 2014-15)	Cum			32.61 32.23	4847.04	158061.97 156220.00	32.61 32.23	158061.97 156220.00

	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plasterise @ 3lts conforming etc as per specification&direction of the engineer incharge of work(pwd sr2014-15,p.no13,sno4.11)	Cum			12.15 11·89	6065.28	73693.15 ₹2116·17	12.15 11·89	73693.15 ₹2116·17
7	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr 2014-15,p.no17,s.no 4.46)	Qtl			4.86	7905.60	38421.22	4.86	38421.22

	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses, buttresses plinth and string course including cost of all materials,labour complete asperspecification. Specification no.KBS 4.6.2 (pwd sr2014-15,p.no15/4.31)	Sqm			97.20	292.68	28448.50	97.20	28448.50
9	KSRB 14.6-2 : Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed and compacting with plate vibrator etc as per specification &direction of the engineer in charge of the work.(Item no14.6,Page no98,PWD SR 2014-15)	Sqm			515.00	876.62	451459.30	515.00	451459.30
10	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm			437.70 437.63	1498.00	655674.60 655,569.74	437.70 437.63	655674.60 655,569.74

	Providing and fixing precast solid concrete kerb stones made out of cc1:2:4 and finished with CM 1:3 plastering and finishing cutting etc.,complete asper specifications and directions of the engineer in charge of the work.P.NO25/S.NO5.29.1(PWD SR2014-2015)	NO,s			1608.00 1471.08 1605.00	357.48	574827.84 525881.67 573755.00	1608.00 1471.08 1605.00	574827.84 525881.67 573755.00
12	KSRB 15-17.5:Applying priming coat over new wood surface and/or wood based surfaces after preparing the surface after throughly cleaning oil,grease,dirt and forign matter,sand papering and knotting liquid wood filler,for varnish including cost of materials,labour,complete as per specificationsP.NO115/15.59)	Sqm			296.00 283.48	33.48	9910.08 9490.91	296.00 283.48	9910.08 9490.91
13	KSRB 15-17.6:Providing and applying painting two coats(excluding proiming coat)on new wood surface and/or wood based surfaces with ename paint to give an even shade,cleaning the surface of all dirt,dust and forign matter,sand papering including as per specifications and directions of the engineer in charge of the work.P.NO115/15.60.1)	Sqm			296.00 283.48	84.24	24935.04 23,880.35	296.00 283.48	24935.04 23,880.35

	KSRB 500-2 Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501	Sqm			2255.00	3.02	6810.10	2255.00	6810.10
15	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well	Cum			295.61 295.6	1438.66	425252.72 425238.33	295.61 295.60	425252.72 425238.33
16	KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502 (ITEMNO21.6,Page no157,PWD SR 2014-15)	Sqm							

	KSRB M500-13: Providing and laying bituminos macadam 50mm thick with 100-120 TPH hot mix plant producing an average out of 75 tonnes per hour using crushed aggregates of specified grading premixed with bitiminous binder, transported to site, laid over a prevuiusky prepared syrface with paver finisher to the required grade, level and alignament and rolled as per clauses 501.6 and 501.7 to achive the desired cinpactuib complete as per specifications. Mother specification No.504, 50-75mm compacted thickness(grading II) with 3.3% bitumen(P-159, lt.21.17.2)	Cum							
18	KSRB 500-10:Tack coat:Providing and applying tack coat with bitumen emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom, complete as per specifications. MORTH specification No.503 using bitumen emulsion (P-158.lt.21.10.1)	Sqm							

	KSRRB M500-.. Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler, transporting the hot mix to work site.laying with a paver finisher to the required grade,levell and alignment, rollingwithsmoothwheeled, vibratoryandtandemrollers to achievethe desired compactionasperMORTHSpecificationclauseno508completeinallrespectscompleteasperspecifications.using40-60 TPH capacity HMP with mechanical pavour grading -II (25-30mm) with 5% CRMB 55 grade (Itemno 21.21.6 Pageno 160 2014-15)	Cum								
20	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader, dumping, turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2014-15)	Cum			809.13 820.14	68.01	55809.12	809.13 820.14	55809.12	
				TOTAL			2931372.85		2931372.85	
				11% KRIDL Chargaes			322451.01		322451.01	
				1% of QC Chargaes			29313.73		29313.73	
				G TOTAL			3283137.59		3283137.59	

AE
Ward No 84

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP, Bangalore